

RECEIVED
DEC 2 1 1998

**Group 3700** 

OMB No. 0651-0011

INFORM	MATION DISCLOSURE A	ttorney Dock	et No.:	Serial No.:			
		0371USA3D		09/921,819			
	/O' > ½ 🖪	PPLICANTS:		013			
	DEC 1 7 1998 &						
	1.	iling Date:		Group:			
	TRADEMARY'		1/27/98				
		U.S. PATE	NT DOCUM	ENTS			
Examiner Initial	Document Number	Date	Name		Class	Sub- Class	Filing Date if applicable
MAS	3,124,639	3/10/64	Kahn		88	65	
MOS	3,860,036	1/14/75	Newman, Jr.		138	45	
NOS	4,720,426	1/19/88	Englert et al.		428	344	
nns	5,188,760	2/23/93	Hikmet et al.		252	299.01	
nos	5,211,878	5/18/93	Reiffenrath e	t al.	252	299.63	
nos	5,235,443	8/10/93	Barnik et al.		359	37	
nos	5,294,657	3/15/94	Melendy et a	1.	524	270	
nos	5,319,478	6/7/94	Fijnfschilling	g et al.	359	53	
nos	5,486,935	1/23/96	Kalmanash		359	37	
MIS	5,486,949	1/23/96	Schrenk et al		359	498	
nos	5,612,820	3/18/97	Schrenk et al	•	359	498	
NOS	5,629,055	5/13/97	Revol et al.		428	1	
NOS	5,686,979	11/11/97	Weber et al.		349	96	
nos	5,699,188	12/16/97	Gilbert et al.		359	584	
nos	5,721,603	2/24/98	De Vaan et a	1.	349	194	
nos	5,744,534	4/28/98	Ishiharada et	al.	524	442	
nos	5,751,388	5/12/98	Larson		349	96	
nos	5,767,935	6/16/98	Ueda et al.		349	112	
nos	5,770,306	6/23/98	Suzuki et al.		428	328	
ROS	5,783,120	7/21/98	Ouderkirk et	al.	264	134	
nos	5,793,456	8/11/98	Broer et al.		349	98	
nos	5,808,794	9/15/98	Weber et al.		359	487	
NOS	5,825,542		Cobb, Jr. et a		359	487	
MS	5,825,543	10/20/98	Ouderkirk et	al.	359	494	

EXAMINER	DATE CONSIDERED
ROSLA	5 5 9 9
	citation is in conformance with MPEP 609; Draw line through le copy of this form with next communication to applicant.

#

## OMB No. 0651-0011

INFORM	MATION DISCLOSURE	Attorney Dock	cet No.:	Serial No.:			
	STATEMENT	50371USA3D		09/921,819			
	/0,, , }	APPLICANTS:		013			
	DEC 1 7 1998 CI						
	\	Filing Date:		Group:			
	EL CONFERENCE		1/27/98				
	MAG	FOREIGN PA	TENT DOCU	JMENTS			
Examiner	Document Numbe	r Date	Counrty		Class	Sub-	Translation
Initial						Class	Yes/No
nos	WO 97/01440	1/16/97	PCT		B32B	27/36	No
MÍS	WO 97/01774	1/16/97	PCT		G02B	1/10	No
105	WO 97/32226	9/4/97	PCT		G02B	5/30	No

RECEIVED

DEC 2 1 1998

Group 3700

EXAMINER	DATE CONSIDERED
ROSIL	5/5/99
	t citation is in conf∳rmande with MPEP 609; Draw line through de copy of this form with next communication to applicant.

Page 1 of 1 of Foreign References

♠

## OMB No. 0651-0011

INFORMATION DISCLOSURE	Attorney Docket No.:	Serial No.:
STATEMENT	50371USA3D	09/031,819
7 1998	APPLICANTS:	Si0
NEC 1 7 1998 01		
	Filing Date:	Group:
E TO ADEMARY	1/27/9	8
Examiner COS OTHER DO	CUMENTS (Including Auti	hors, Title, Date, Pertinent Papers, etc.)
Schrenk et al., Nanol	ayer polymeric optical films, T	appi Journal, pp. 169-174, June, 1992

EXAMINER	DATE CONSIDERED
ROSIL	5   5   9 9
*Examiner: Initial if reference considered, whether or not citation if not in conformance and not considered. Include	citation is in conformar(ce with MPEP 609; Draw line through e copy of this form with next communication to applicant.

MAY 1 8 1998 4 4

OMB No. 0651-0011

INFO	RMATION	Att	y. Docket No	No.: 50371USA3D Serial No.: 09/031,819					
	CLOSURE		<del>-</del>	#6		D	13		
STA	TEMENT	Ap	plicant(s):						
~	· · - · · · ·		Andrew J. Ouderkirk et al.						
		Fili	ing Date:	g Date: Group:					
		Jan	uary 27, 1998	8	Unass	igned			
		U.S	S. PATENT	DOCUMENTS					
Examiner Initial	Document Numb	er	Date	Name	Class	SubClass	Filing D Approp		
nos	5,221,982		06/22/93	Faris	359	93 .			
uns!	5,233,465		08/03/93	Wheatley et al.	359	359			
no	5234729		08/10/93	Wheatley et al.	428	30			
RRS	5,237,446		08/17/93	Takahashi	350	359			
	5,238,738		08/24/93	Miller	428	333		$\overline{}$	
	3,245,456		09/14/93	Yoshimi et al.	359	73	<u> </u>		
nos	5255029		10/19/93	Vogeley et al.	353	122			
nos	5258208		11/02/93	Bastiaansen	428	1			
na	5,262,894		11/16/93	Wheatley et al.	359	586			
nos	5,269,995		12/14/93	Ramanathan et al.	264	171			
MI	5,278,680		01/11/94	Karasawa et al.	359	40			
nos	5,278,694		01/11/94	359					
nos	5,286,418		02/15/94	Nakamura et al.	252	585			
MS	5,295,018		03/15/94	Konuma et al.	359 -	487			
	F	ORE	IGN PATER	T DOCUMENTS					
	Document Numb	er	Date	Country	Class	SubClass	Transla Yes	No No	
105	4-141603		5/15/92	Japan	G02B	5/30	Tes	110	
	4-184429		07/01/92	Japan	G03B	21/14		$\dashv$	
Mas	4-184429		07/18/92	Japan	G03B	21/14		ightharpoons	
	426636	/	05/08/91	EPO	B32B	7/02		=	
	4-356038		12/09/92 Japan G03B 33/12						
BITT		'S (In	·	hors, Title, Date, Pe		1	c.)	$\overline{}$	
nos	Abstract, Japan					<u> </u>			
	Alfrey, Jr. et al	., "Ph	ysical Optics	of Iridescent Multilay	vered Pla	stic Films'	",	$\neg$	
KAS	Polymer Engin	eerin	g and Science	e, Vol. 9, No. 6, Nov	ember 19	69, pp	400-	7°4	
EXAMINE	$\mathbb{R}$			Date Considered				$\neg \neg$	
0	0 11			ما ام	G .				
[C.	D-JW/			51519	<u> </u>				
	al if reference considered, w not considered. Include cop			conformance with MPRP 609;	Draw line th	rough citatio	n if not in		
Based on Form P		<u> </u>	mail meat th	Patent and Trademark Of	fice, U.S. Dep	artment of C	ommerce		

Based on Form PTO-FB-A820 (Also form PTO-1449)

MAY 1 8 1998 🕏 OMB No. 0651-0011 Serial No.: 09/021,819 Attv. Docket No.: 50371USA3D ORMATION DISCROSSER 013 Applicant(s): STATEMENT Andrew J. Ouderkirk et al. Filing Date: Group: January 27, 1998 Unassigned U.S. PATENT DOCUMENTS Class SubClass Filing Date If Examiner **Document Number** Date Appropriate Initial 06/13/95 Phillips et al. 428 328 5424119 WAS 09/05/95 Schrenk et al. 359 584 5,448,404 ng5 5,451,449 09/19/95 Shetty et al. 428 195 NOS 06/30/96 Schrenk 428 212 5540978 אמע 5552927 09/03/96 Wheatly et al. 359 359 nos 09/24/96 Weber 359 638 5559634 NOS 359 584 10/22/96 Schrenk et al. MOS 5568316 FOREIGN PATENT DOCUMENTS NO **Document Number** Country Class SubClass Translation Date NOT Yes No 03/15/74 N/A N/A 50-123446 Japan ROS 11/19/92 **EPO** G02B 5/08 514223 205 5/14 52-21261 09/14/78 Japan G02B ROS 11/05/93 G02B 5/18 MD) 5-288910 Japan G02B 27/28 07/28/93 **EPO** 552725 nor 57-207204 12/18/82 Japan G02B 5/14 nos **EPO** G02B 27/28 12/15/93 573905 ומא 578035 06/23/59 Canada MOS 1/1335 05/18/94 **EPO** G02F 597261 nos **EPO** 1/1335 606939 07/20/94 G02F NOS 07/20/94 G02B 5/30 606940 **EPO** WW RN 6-11607 1/21/94 Japan G02B 5/18 OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.) Boese et al., "Chain Orientation and Anisotropies in Optical and Dielectric MOS Properties in Thin Films of Stiff Polyimides, Journal of Polymer Science, Part B: Polymer Physics, Vol. 30, p. 1321-1327 (1992) Baba et al., "Optical anisotropy of stretched gold island films: experimentalresults", Optics Letters, Vol. 17, No. 8, April 15, 1992. Weber, "Retroreflecting Sheet Polarizer", SID conf. Proceedings, Boston, MA, . M May 1992, SID 92 Diegest, pp. 427-429 Weber, "Retroflective Sheet Polarizer", SID conf. Proceedings, Seattle, WA, May

EXAMINER	Date Considered	
ROSH	_   5/5/99	
*Evenines Initial if reference considers	whather an not sitetion is in conformance with MDED 600. Draw line through citation if not in	

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MREP of conformance and not considered. Include copy of this form with next communication to applicant.

1993, SID Digest, pp. 669-672

**Based on Form PTO-FB-A820** (Also form PTO-1449)

OMB No. 0651-0011 Serial No.: 09/031,819 Atty. Docket No.: 50371USA3D RMATION DISCLOSURE 013 Applicant(s): STATEMENT Andrew J. Ouderkirk et al. Filing Date: Group: January 27, 1998 Unassigned U.S. PATENT DOCUMENTS Class SubClass Filing Date If Examiner **Document Number** Name Appropriate Initial 6/30/92 Wheatley et al. 359 587 5,126,880 M 301 7/28/92 Lehureau et al. 350 5,134,516 MAS Arakawa 350 73 5,138,474 9/11/92 ROI Okumura 63 359 5,139,340 08/18/92 Wheatley et al. 213 09/22/92 428 NOS 5,149,578 M 10/20/92 Kondo et al. 359 63 ŧ 5,157,526 Akiyama et al. 359 69 nos 5159478 10/27/92 73 Ota et al. 359 5,166,817 11/24/92 NDS 02/23/93 Arakawa 359 73 5,189,538 נסמ Akatsuka et al. 73 5,194,975 03/16/93 359 ND Karasawa et al. 40 359 04/06/93 5,200,843 M Schrenk et al. 241 04/13/93 264 NOS 5202074 146 5,202,950 04/13/93 Arego et al. 385 עמא 428 220 5,217,794 06/08/93 Schrenk FOREIGN PATENT DOCUMENTS Document Number Date Country Class SubClass Translation No Yes 265/04 **EPO** 269324 06/01/86 C08F G02F <del>1/1335</del> 3-111819 05/13/91 <del>Japan</del> 342283 11/23/89 **EPO** CO8L <del>101/00</del> HO/H | 13/02 **EPO** 342747 T1/23/89 G02 B 5/30 01/16/92 Germany 4121861 OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.) Final Report, "Fenestration 2000 - Phase II: Review of Advanced Glazing-Technology and Study of Benefits for the UK", Halcrow Gilbert Assoc Ltd, p. 1-67, (February 1992). "Instructions for Field Change", January 1989, G. Prince, Inst. Sheet 78-8063-Derwent Abstract, JP 63017023 NOS Abstract, Japan 62-295024, 1987 8175 EXAMINER **Date Considered** 

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820

(Also form PTO-1449)

Patent and Trademark

MAY 1 8 1998 2

OMB No. 0651-0011

PADEMANA	ORMATION	Atty. Docket	No.: 50371USA3D		No.: 09		
DI	SCLOSURE				(	219	
SI	ATEMENT	Applicant(s): Andrew J. Out	lerkirk et al.				
		Filing Date:		Grou	m•		
		January 27, 19	98	Unass	_		
			DOCUMENTS		-8		
Examiner Initial	Document Nur		Name	Class	SubClass	Filing l Appro	
Ans	4,798,448	1/17/89	Van Raalte	350	345		
MIS	4,799,772	1/24/89	Utsumi	350	339R		
MOS	4,824,882	4/25/89	Nakamura et al.	524	89	-	
ans	4,840,463	6/20/89	Clark et al.	350	350S		
KNS	4,883,341	11/28/89	Whitehead	350	276R		
rps	4893911	01/16/90	Ostoja-Starzewski et al.	350	398		
uns	4895769	01/23/90	Land et al.	428	483		
nos	4,896,946	1/30/90	Suzuki et al.	350	336`		-
M	4917465	04/17/90	Conner et al.	350	335		_
nns	4937134	06/26/90	Schrenk et al.	428	213		
Mas	4,952,023	8/28/90	Bradshaw et al.	350	102	İ	
MOS	4,974,946	12/4/90	Solomon	350	399	1	
nns	4,989,076	1/29/91	Owada et al.	358	61	,	-
nos	5,009,472	4/23/91	Morimoto	350	6.5	` `	
1-12	<del></del>		ENT DOCUMENTS		· · · · · · · · · · · · · · · · · · ·		
	Document Nur	<del> </del>	Country	Class	SubClass	Trans Yes	lation No
	1363539	06/19/63	France	G02B	H03F	-	
	138194	04/24/85	EPO	B32	B27/0	L	
	,				8		
	162481	02/12/70	Netherlands	B29C	43/20		-
ROS	2052779	01/28/81	UK	G02F	1/133		
	2-059702	1990	Japan	G02B	5/30	F 1	,
0		<del> </del>	ithors, Title, Date, Pe	<del> </del>		c.)	
<u> </u>		, , , , , , , , , , , , , , , , , , , ,			a		
				•			
EXAMIN	IER		Date Considered			·	
	no sh	1	SISI	99			
Examiner: I	1 - 22 . 02	r	in conformance with MPEP 609:	Draw line t	hrough citatio	n if not i	n
onformance			communication to applicant.  Patent and Trademark Of				

Based on Form PTO-FB-A820 (Also form PTO-1449)



OMB No. 0651-0011

INFORMATION A				Atty. Docket No.: 50371USA3D			Serial No.: 09/031,819			
D	ISCL	OSURE				0/8				
				T*						
S'	TATE	MENT	Applicant(s): Andrew J. Ouderkirk et al.							
					ikiik et ai.	Group				
				ng Date: uary 27, 1998	2	Unass	•			
				<del> </del>	DOCUMENTS	Citass	igneu			
Examiner		Document Number				Class	SubClass		Date If	
Initial		TD:	יזו פוו ר	אינות אינו נאינו			<u> </u>	Appro	priate	
		Document Number		Date Date	T DOCUMENTS Country	Class	SubClass	Trans	slation	
					•			Yes	No	
		7-6043 V	_	01/25/95	- Japan	<del>- C22C</del>	38/00			
		<del>7-64085 </del>		03/10/95	Japan	G02F	1/1335			
<u> </u>		81108331		01/14/81	EPO	G02F	1/133			
<i>"</i>		DE 41 21 861 A		<del>/01/16/92</del>	Germany	G02B	5/30	- '/-		
9	7	GB 2 052 779 A		01/28/81	U.K.		1/133			
:NOS		WO 91/09719		07/11/91	PCT	B29C	43/20			
		WO 92/12857		08/06/92	PCT	B32B	_7/00	<u> </u>		
·		WO 92/22838 1		12/2392	PCT		5/30			
		WO 93/16878		09/02/93	PCT	B32B	<del>27/30</del> —			
MS		WO 94/11776	1.0	05/26/94	PCT	G02F	1/1335			
		WO 94/13478		<del>-06/23/94</del>	PCT	B32B	27/06			
~		WO 94/23933		10/27/94	PCT	B29C	59/04			
		WO 94/26512		11/24/94	PCT	B32B	27/06		-	
NOS		WO 94/29765		12/22/94	PCT	G02F	1/1335			
ros		WO 95/17303		06/29/95	PCT	B32B	7/02			
0.05		WO 95/17691		06/29/95	PCT	G02B	5/30			
pos		WO 95/17692		06/29/95	PCT	G02B	5/30	,		
105		WO 95/17699		06/29/95	PCT	G02F	1/1335			
	THE	R DOCUMENTS	S (In	cluding Autl	hors, Title, Date, Po	ertinent P	apers, et	c.)		
						·				
EXAMI	NER			,,,,,	Date Considered					
	R	DILL	_		SIS	-199				
					conformance with MPEP 60	9; Draw line th	rough citatio	n if not i	n	
contormanc	e and not c	onsiaerea. Include copy	or this	s torm with next co	mmunication to applicant.					

Based on Form PTO-FB-A820 (Also form PTO-1449)



OMB No. 0651-0011

IN	FO	$\mathbb{R}\mathbb{N}$	MOITAN	Atty. Docket No.: 50371USA3D			Serial	Serial No.: 09/03/1,819			
DISCLOSURE								013			
STATEMENT				Applicant(s): Andrew J. Ouderkirk et al.							
					Filing Date: Group:						
					uary 27, 199	8		Unassi			
					S. PATENT		MENTS	· · · · · · · · · · · · · · · · · · ·	<u>-</u>		
Examiner			Document Numbe		Date		Name	Class	SubClass		Date If priste
Initial			I	יזו כוו ר	ign patei	AT DO	CITMIENTS	ــــــــــــــــــــــــــــــــــــــ		Арріс	priate
			Document Numbe		Date		Country	Class	SubClass	Trans	lation
										Yes	No
			WO 95/27919		4/6/95	PCT		<del>G02B</del>	_27/28		
			WO-95/33223		5/24/95	PCT		-G02F	1/1333		8
			WO 96/19347		12/19/95	PCT		- B32B-	-7/02		
(	TTC	TEI	R DOCUMENTS	S (In	cluding Aut	hors, T	itle, Date, Po	ertinent P	apers, et	c.)	
			· · · · · · · · · · · · · · · · · · ·				,	······			
					·						
								<del></del>	<u> </u>		
								· · · · · · · · · · · · · · · · · · ·			
							· · · · · · · · · · · · · · · · · · ·				
EXAMI	ויזונפו		<u> </u>		· · · · · · · · · · · · · · · · · · ·	Data	Considered				
TO VENTAIL	1416		cosh			Date	5	5/90	7	•	
			eference considered, wh					; Dçaw line th	rough citation	n if not i	n
Based on Fo			onsidered. Include copy B-A820	of this	s torm with next co	ommunicat Patent	ion to applicant. and Trademark O	ffice, U.S. Den	artment of Co	ommerc	<u> </u>
(Also form F			== = = = = = = = = = = = = = = = = = = =					.,			

OMB No. 0651-0011 Serial No.: 09/931,819 Atty. Docket No.: 50371USA3D EXORMATION ADEMARY DISCLOSURE Applicant(s): STATEMENT Andrew J. Ouderkirk et al. Filing Date: Group: January 27, 1998 Unassigned U.S. PATENT DOCUMENTS Filing Date If Examiner Document Number Class SubClass Appropriate Initial NOS 161 165 3647612 03/07/72 Schrenk et al 1 1/16/73 Alfrey, Jr. et al. 350 NOS 3.711.176 Schrenk 425 131 ROS 3,746,485 7/17/73 Schrenk et al. 425 131 3,759,647 9/18/73 MS 264 171 (18) 11/20/73 Schrenk 3773882 04/02/74 Schrenk et al. 161 181 3801429 NOS 99A كرمهم 3,847,585 11/12/74 Chisholm 65 MO) 428 350 5/24/77 Nagy et al. 4,025,688 Alfrey, Jr. et al. 171 ars) 4094947 06/13/78 264 Mohler 340 705 4,190,832 2/26/80 צסמי צחמ Oshima et al. 337 4,268,127 5/19/81 350 212 1/12/82 Cooper et al. 428 LPS 4,310,584 MS 4,315,258 2/9/82 McKnight et al. 340 784 428 332 01/24/84 Aizawa et al. ROS 4427741 FOREIGN PATENT DOCUMENTS SubClass Translation **Document Number** Country Class Yes No NOT 0 573 905 A1 12/15/93 **EPO** G02B 27/28 G02F 1/1335 0 597 261 A1 05/18/94 **EPO** RPS 07/20/94 **EPO** G02F 1/1335 0 606 939 MS 5/30 0 606 940 07/20/94 **EPO** G02B 405 MS 056843 08/04/82 **EPO** G02 F1/33 OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.) "The Use of Muki-Angle Measurements to Characterize the Color of Metallic and Pearlescent Pigments", Presented to The Detroit Color Council Meeting Nov. 15? 1989... "Thick/Very Thin Polymeric Reflective Material", Dow Report NM 15-08, Jan. 7, 1991 Selkowitz, S., "Transparent Heat Mirrors for Passive Solar Heating Applications", Lawrence Berkeley Lab report LBL-7829, Univ. of Calif.-Berkeley, p. 1-22 (03/78??). "Methal Dithiolene Dyes", November 1991 EXAMINER **Date Considered** RO. I \*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820

(Also form PTO-1449)

Patent and Trademark

OMB No. 0651-0011 Serial No.: 09/031,819 Atty. Docket No.: 50371USA3D ÖRMATION 013 DISCLOSURE Applicant(s): STATEMENT Andrew J. Ouderkirk et al. Filing Date: Group: Unassigned January 27, 1998 U.S. PATENT DOCUMENTS SubClass Filing Date If Examiner Document Number Date Appropriate Initial 359 05/10/94 359 ROS RE 34,605 Schrenk et al. 20 1.05 Cawley 353 1,610,423 12/14/26 MOS Marks 88 65 2492809 12/27/49 Dreyer 88 105 2,776,598 1/8/57 NOS S 5.9 NOS 2,887,566 5/19/59 Marks 240 65 1-05 10/26/65 Rogers 88 3,213,753 3,423,498 1/21/69 Lefevre 264 171 אמא 271 11/25/69 Schrenk 156 3,480,502 MS 109 3,498,873 3/3/70 Schrenk 161 ROS 350 157 295 3528723 09/15/70 Rogers nos 1/19/71 Schrenk et al. 350 96 3,556,635 2/23/71 Schrenk et al. 264 171 3,565,985 3,600,587 8/17/71 Smith 250 199 צחת 350 157 N 3,610,729 10/05/71 Rogers FOREIGN PATENT DOCUMENTS SubClass Translation Country Document Number Yes No 0 460 241 A1 12/11/91 **EPO** G02B 27/28 MOS 0 469 732 A3 02/05/92 **EPO** G02B 1 / 04 M 0 488 544 A1 06/03/92 **EPO** G02B 5/30 M 0 492 636 A1 07/01/92 **EPO** H04N 9/31 MOS 0 514 223 11/19/92 **EPO** G02B | 5/08 ras S OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.) Weber, M., "23:3: Retroreflecting Sheet Polarizer", SID 92 Digest, p. 427-9 (1992)Weber, M., "P-61: Retroreflecting Sheet Polarizer", SID 93 Digest, p. 669. 72 (1993). Land, H., "Some Aspects of the Development of Sheet Polarizers", Optical ins Society of America, (repr. Jour. of the Optical Soc. Of America, Vol. 4(12) 957-963 (December 1951)) p. 45-51. "The Measurement of Appearance", Hunter et al, John Wiley and Sons, NY, 1987. Date Considered EXAMINER NPRI \*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

Conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820

(Also form PTO-1449)

Patent and Trademark

OMB No. 0651-0011 Atty. Docket No.: 50371USA3D Serial No.: 09/021,819 MINESRMATION 013 DISCLOSURE STATEMENT Applicant(s): Andrew J. Ouderkirk et al. Filing Date: Group: Unassigned January 27, 1998 U.S. PATENT DOCUMENTS Class SubClass Filing Date If Examiner **Document Number** Name Appropriate Initial Rogers et al. 528 348 RPS 5/1/84 4,446,305 ras 4520189 05/28/85 Rogers et al. 528 331 4521588 06/04/85 Rogers et al. 528 363 mos 212 NOS 4,525,413 6/25/85 Rogers et al. 428 220 MS Im et al. 428 4540623 09/10/85 4,542,449 9/17/85 Whitehead 362 330 NOS 337 5/6/86 Umeda et al. 350 NOS 4,586,790 4,590,119 5/20/86 Kawakami et al. 428 216 M NOS 4,643,529 2/17/87 Hosonuma et al. 350 337 4/21/87 Rogers et al. 264 1.3 NOS 4,659,523 Ohta et al. 350 345 4678285 07/07/87 NOS NOS 4,756,953 7/12/88 Utsumi 428 220 NOS Dreyer, Jr. et al. 331 4,791,540 12/13/88 362 MS 1/10/89 Tanaka et al. 350 337 4,796,978 FOREIGN PATENT DOCUMENTS Class SubClass Country Translation **Document Number** Date Yes No **EPO** G02 B/1/08 1-0)5 062751 10/20/81 UK. <del>1015706</del> 01/05/66 C03C B29D-1125709 08/28/68 IIK. B44D 5/06-746 1200357 02/11/86 Canada-18 1-05 03/01/94 113.18 1327286 Canada 88 OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.) "Near-Infrared Absorbing Dyes", Juergen Fabian, Hiroyuki Nakazumi and Masaru Matsuoka, 1992, American Chemical Society Regis et al., Progress in Optics, Vol. I (1961). "A Psychological Color Solid\*" Dorothy Nickerson and Sidney Newhall, Journal of the Optical Society of America, Vol. 33, No. 7, July 1943 Heavens et al., "Staggered Broad-Band Reflecting Multilayers", Optical Society of America, (Reprinted from Applied Optics, Vol-5(3), 373-376 (March 1966)), p. 321-324. EXAMINER **Date Considered** 

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820

Patent and Trademark
(Also form PTO-1449)

Atty. Docket No.: 50371USA3D   Serial No.: 09/031, 1	MAY 18	1998 34					C	MB No.	0651-	-0011	
Applicant(s):	Š INI	FORM	IATION	Att	y. Docket No	.: 50371USA3D	Serial	No.: 09/	031,8	19	
Applicant(s):	TRADERI	ISELO	DSURE		· · · · · · · · · · · · · · · · · · ·		Ć	213			
January 27, 1998	S	TATE	MENT	, · · · · · · · · · · · · · · · · ·							
January 27, 1998	i			Fili	ng Date:		Group	):			
Document Number   Date   Name   Class   SubClass   Finitial   Public   Solution   Solu				Janı	uary 27, 1998	3	Unassi	gned			
Initial											
Society   Soci			Document Number	er	Date	Name	Class	SubClass	Filing l		
Mail			5,042,921		8/27/91	Sato et al.	359	40			
NO					09/24/91	Starzewski	428	500			
100	ROS		5,056,892		10/15/91	Cobb, Jr.	359	831			
100	no		5,059,356		10/22/91	Nakamura et al.	252	585			
Solution		5082601		01/21/92	Okada et al.	252	-585				
103	nos		5089318		02/18/92	Shetty et al.	428	212			
103			5,093,739		3/3/92	Aida et al.	359	-73			
105			5,094,788		3/10/92	Schrenk et al.	264	171			
MS			5,094,793		3/10/92	Schrenk et al.	264	171			
190			5095210		03/10/92	Wheatley et al.	250	339			
Most   5,122,905   6/16/92   Wheatley et al.   359   586     Most   5,122,906   6/16/92   Wheatley   359   586     Most   5,124,841   6/23/92   Oishi   359   487     FOREIGN PATENT DOCUMENTS     Document Number   Date   Country   Class   SubClass   Trail Yes     2124403   02/15/84   UK   G02B   5/14     Colument   12/21/93   China   G02   F1/133     5	· · ·		5,103,337		4/7/92	Schrenk et al.	359				
S,122,906   6/16/92   Wheatley   359   586     M3   S,124,841   6/23/92   Oishi   359   487     FOREIGN PATENT DOCUMENTS     Document Number   Date   Country   Class   SubClass   Trail Yes     2124403   02/15/84   UK   G02B   5/14     218041   12/21/93   China   G02   F1/133     5   5     2232498   05/26/89   UK   G02B   5/28     (20)   228611   07/15/87   EPO   G02   B1/08     2646183   04/19/89   France   D21H   21/48     OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)     Czopek, J., "The Mechanics of Making Mirrors" Glass Magazine, p. 36-3 (March/April 1995).     Mills, E., "Windows as Luminartes" LAEEL Newsletter, p. 11-13 (March/April 1995).     "Bringing Ideas to Life" Zeneca Specialist Colours			5,122,905		6/16/92	Wheatley et al.	359				
### FOREIGN PATENT DOCUMENTS    Document Number			5,122,906	6/16/92 Wheatley 359 586							
Document Number   Date   Country   Class   SubClass   Train   Yes	MPS				<u> </u>	I		487			
2124403   02/13/84   UK   G02B   5/14			F	ORE	IGN PATER						
2124403	\		Document Number	er	Date	Country	Class	SubClass		lation No	
218041  12/21/93  China  G02  F1/133  5  2232498  05/26/89  UK  G02B  5/28  228611  07/15/87  EPO  G02  B1/08  2646183  OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)  Czopek, J., "The Mechanics of Making Mirrors" Glass Magazine, p. 36-36  (December 1995).  Mills, E., "Windows as Luminarles" IAEEL Newsletter, p. 11-13  (March/April 1995).  Bringing Ideas to Life Zeneca Specialist Colours	-		2124403 V		02/13/84	UK	G02B	5/14			
2232498 O5/26/89 UK G02B 5/28  COS 228611 07/15/87 EPO G02 B1/08  2646183 04/19/89 France D21H 21/48  OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)  Czopek, J., "The Mechanics of Making Mirrors" Glass Magazine, p. 36-(December 1995).  Mills, E., "Windows as Luminaries" IAEEL Newsletter, p. 11-13  (March/April 1995).  "Bringing Ideas to Life" Zeneca Specialist Colours	1.0()		ļ			<del></del>					
228611 07/15/87 EPO G02 B1/08  2646183 04/19/89 France D21H 21/48  OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)  Czopek, J., "The Mechanics of Making Mirrors" Glass Magazine, p. 36-36 (December 1995).  Mills, E., "Windows as Luminarles" IAEEL Newsletter, p. 11-13 (March/April 1995).  "Bringing Ideas to Life" Zeneca Specialist Colours	100)							5	<u> </u>		
OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)  Czopek, J., "The Mechanics of Making Mirrors" Glass Magazine, p. 36-(December 1995).  Mills, E., "Windows as Luminaries" LAEEL Newsletter, p. 11-13 (March/April 1995).  "Bringing Ideas to Life" Zeneca Specialist Colours			2232498	/	05/26/89	UK	G02B	5/28		<u>.</u>	
OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)  Czopek, J., "The Mechanics of Making Mirrors" Glass Magazine, p. 36-(December 1995).  Mills, E., "Windows as Luminarles" IAEEL Newsletter, p. 11-13  (March/April 1995).  "Bringing Ideas to Life" Zeneca Specialist Colours	ros		228611		07/15/87	EPO	G02	B1/08			
Czopek, J., "The Mechanics of Making Mirrors" Glass Magazine, p. 36-3 (December 1995).  Mills, E., "Windows as Luminarles" IAEEL Newsletter, p. 11-13 (March/April 1995).  "Bringing Ideas to Life" Zeneca Specialist Colours	-		2646183		04/19/89	France	D21H	21/48	<u></u>		
(December 1995).  Mills, E., "Windows as Luminaries" LAEEL Newsletter, p. 11-13  (March/April 1995).  "Bringing Ideas to Life" Zeneca Specialist Colours	(	OTHE	R DOCUMENT	'S (In	cluding Aut	hors, Title, Date, F	Pertinent <b>F</b>	Papers, et	c.)		
Mills, E., "Windows as Luminaries" IAEEL Newsletter, p. 11-13 (March/April 1995).  "Bringing Ideas to Life" Zeneca Specialist Colours						Making Mirrors"	Glass Maz	gazine, p.	36-3	9—	
"Bringing Ideas to Life" Zeneca Specialist Colours			Mills, E., "Wi	ndov	vs as Lumin:	aries" IAEEL News	sletter, p. 1	H1-13			
						Specialist Colours	~	····			
Kenedy, "Big PaneNo Gain" USGOpenings, US Glass, p. 54-57 (July 1)								54-57 (Ju	ıly 19	<u>95).</u> ,	
EXAMINER Date Considered	TOWARA	מו שונאוו				Date Considered					
ROSH 5/5/99	L WWINT	1.14 EC 162	2024	_				7			

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 (Also form PTO-1449)

E.	£\$				(	DMB No.	0651	-001	
<b>WARRING</b>	TON A		Atty. Docket No.: 50371USA3D		Serial No.: 09/031,819				
TIMES RMATION DISCLOSURE					णह				
STATEMENT		Amn	Applicant(s):						
		Andrew J. Ouderkirk et al.							
			Filing Date:			Group:			
			January 27, 1998			Unassigned			
		U.S.	PATENT	DOCUMENTS					
Examiner Initial	Document Numb	ber	Date	Name	Class	SubClass	Filing :	Date I	
ans	5,126,880		6/30/92	Wheatley et al.	359	587	<del></del>	<u>.                                    </u>	
MPS	5,134,516		7/28/92	Lehureau et al.	350	301		·	
	5,138,474		9/11/92	Arakawa	350	73			
ROI	5,139,340		08/18/92	Okumura	359	63			
nos	5,149,578		09/22/92	Wheatley et al.	428	213		,	
M	5,157,526		10/20/92	Kondo et al.	359	63			
NOS	5159478		10/27/92	Akiyama et al.	359	69			
NOS	5,166,817		11/24/92	Ota et al.	359	73			
ros	5,189,538		02/23/93	Arakawa	359	73			
NO	5,194,975		03/16/93	Akatsuka et al.	359	73			
nos	5,200,843		04/06/93	Karasawa et al.	359	40			
ros	5202074		04/13/93	Schrenk et al.	264	241			
w	5,202,950		04/13/93	Arego et al.	385	146			
ر لاس	5,217,794		06/08/93	Schrenk	428	220	<u>.</u>		
				T DOCUMENTS					
	Document Number		Date	Country	Class	SubClass	Trans Yes	slatio No	
	> 269324	1	06/01/86	EPO	C08F	265/04		F	
	3-111819		05/13/91	Japan	G02F	1/1335			
	342283		11/23/89	EPO	C08L	101/00			
	342747		T1/23/89	EPO	HO/H	13/02			
	4121861		01/16/92	Germany	G02	B-5/30			
OTI	HER DOCUMENT	rs (Inc	luding Aut	hors, Title, Date, P	ertinent P	Papers, et	c.)		
	Final-Report,	"Fene	stration 20	00 - Phase II: Rev	lew of Ad	vanced G	lazing	g	
	Technology a	nd-Stu	dy-of-Bene	fits for the UK", A	alcrow Gi	lbert Ass	oc Lt	d, ]	
	1-67, (Februa						·		
		"Instructions for Field Change", January 1989, G. Prince, Inst. Sheet 78-8063-							
ROS		2625-8  Derwent Abstract, JP 63017023							
1247		Abstract, Japan 62-295024, 1987							

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 699; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 (Also form PTO-1449)

OMB No. 0651-0011

INCORMAGION		Atty. Docket No.: 50371USA3D			Serial No.: 09/931,819				
DISCLOSURE					ଠାଧ				
· · · · · · · · · · · · · · · · · · ·		Applicant(s): Andrew J. Ouderkirk et al.							
		ling Date:		Grou	0:				
		anuary 27, 1998		Unassigned					
			DOCUMENTS		<u></u>				
Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate			
Rns	5,303,083	04/12/94	Blanchard et al.	359	495				
nos	5,309,422	05/03/94	Kuroki et al.	369	110				
nos	5312568	05/17/94	Bastiaansen	264	1.3				
NO5	5316703	05/31/94	Schrenk	264	1.3				
nos	5325218	06/28/94	Willett et al.	359	53				
NOS	5333072	07/26/94	Willett	359	41				
NOS	5,337,174	08/09/94	Wada et al.	359	73				
1-21	5,339,179	08/16/94	Rudisill et al.	359	49				
NO	5339198	08/16/94	Wheatly et al.	359	359				
nos	5,345,146	09/06/94	Koenck et al.	315	169.3				
M	5359691	10/25/94	Tai et al.	385	146				
no	5360659	11/01/94	Arends et al.	428	216				
NO	5389324	02/14/95	Lewis et al.	264	171				
nos	5,422,756	06/06/95	Weber	359	487				
1 2	<del></del>	EIGN PATE	T DOCUMENTS						
	Document Number			SubClass	Translation				
195	460241	12/26/90	EPO	G02B	27/28	Yes No			
<del></del>	469732	02/05/92	EPO	G92B	1/04				
pos	488544	11/08/91	EPO	G02B	5/30				
105	492636	12/27/91	EPO	H04N	9/31	<del>                                     </del>			
ras		- <del>08/05/92</del>	EPO	R32B	27/18	<del>  </del>			
OTH	497506		<del></del>			<del></del> 1			
	ER DOCUMENTS (I	ncluding Aut	descent Contact de	NAMEDI I	apers, et	c.j			
100		Radford et al., "Reflextivity of Iridescent Coextruded Multilayered Plastic Films",							
ros .	presented at the American Chemical Society Symposium on "Coextruded Plastic								
Films, Fibers, Composites, April 9-14, 1972									
1475		Salenghi Nit,	mstruction sneet /8	-0003-202	es-o, sant	iaiy 1707,			
RD	pp. 1-7 3M IR Safelight Br	ochure 1991		<del></del>	<del></del>				
EXAMINER		oonare, 1991	Date Considered	1					
□ □ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼			Date Considered	100					
	161) 12/1_	_	513	1-11					
*Examiner: Initial	if reference considered, whether	or not citation is in	conformance with MPEP 60	9. Draw line tl	rough citatio	n if not in			
conformance and n Based on Form PT	ot considered. Include copy of t	his form with next co	ommunication to applicant.  Patent and Trademark O						

Based on Form PTO-FB-A820 (Also form PTO-1449)

M	AY 18 19	30 1			(	OMB No.	0651	-0011	
REORMATION A		atty. Docket No.: 50371USA3D		Serial No.: 09/931,819					
DISCLOSURE				013					
~		applicant(s): Indrew J. Ouderkirk et al.							
		<del></del>	filing Date:	Group:					
			anuary 27, 1998	Unassigned					
			U.S. PATENT DOCUMENTS						
Examiner	aminer Document Number		Date	Date Name Class Su		SubClass	SubClass Filing Date If Appropriate		
FOREIGN PATENT DOCUMENTS									
		Document Number	/ Date	Country	Class	SubClass	Trans		
		61-241712	/ 10/28/86	Japan	G02B	6/34	Yes	No	
<del></del>		61-245104	10/23/86	Japan	G02B	5/02			
	<u> </u>	6-222207	08/12/94	Japan	GO2	5/02			
			00/12/54	Japan	B	3,02			
	//	62-295024 V	12/22/87	Japan	G02F	1/133			
		627638	12/07/94	EPO	G02B	5/02			
		63 017023 V	???	Japan	I				
12.05		र्ज3 i 68626	. 07/1 <del>2/88</del>	J <del>apan</del>	G02B	6/00			
,		<del>.63-168604 ✓</del>	, 07/12/88	Japan	G02B	6/00			
		<del>63-180905                                   </del>	07/26/88	Japan	G02B	6/00			
1205		63-181201	7/26/88	Japan	F21V	5/02			
		63-208001	08/29/88	-Japan	G02B	6/00			
		63-2890 <del>70 √</del>	5/21/87	Japan	C09B	5/62			
		63-55503	03/10/88	Japan	G02B	6/10			
		63-75704	04/06/88	Japan	- G02B	5/14			
		64-11203	01/13/89	Japan	G02B	6/00			
		7-198915	08/01/95	Japan	G02B	5/04			
_=		724101 V	12/21/65	Canada	154	122			
·		7-333440	12/22/95	Japan	G02B	5/30			
(	DTHEI	R DOCUMENTS (	Including Aut	hors, Title, Date, Pe	rtinent P	Papers, et	c.)		
ROS		Hodgkinson et al., "Effective principal refractive indices and column angles for periodic stacks of thin birefringent films", Optical Society of America, Vol. 10, No.							
	<del></del>	9, p. 2065-2071, September 1993.  Zang et al. "Circut Anistropies in the Dialectric Properties of Quesi Expitavial							
ros		Zang et al., "Giant Anistropies in the Dielectric Properties of Quasi-Expitaxial Crystalline Organic Semiconductor Thin Films",							
								_	
EXAMINER Date Considered									
RDSUL 5599									
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									
Based on Fo (Also form I	rm PTO-F	B-A820		Patent and Trademark Of	nce, U.S. Dep	partment of C	ommerce		